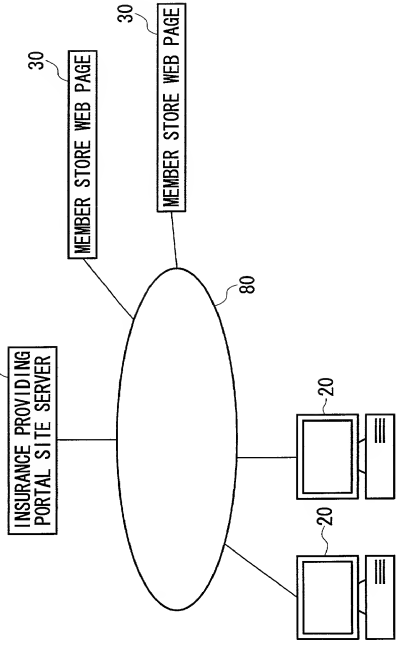
10
INSURANCE PROVIDING PORTAL SITE SERVER
30
MEMBER STORE WEB PAGE
30
MEMBER STORE WEB PAGE
80
20
20

FIG. 1

TOHOKU 2281650

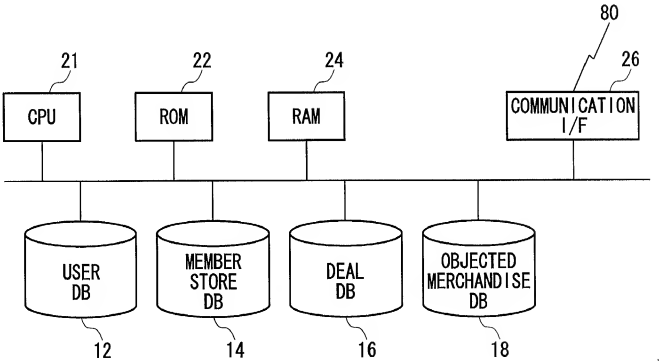

FIG. 2

VN-0071

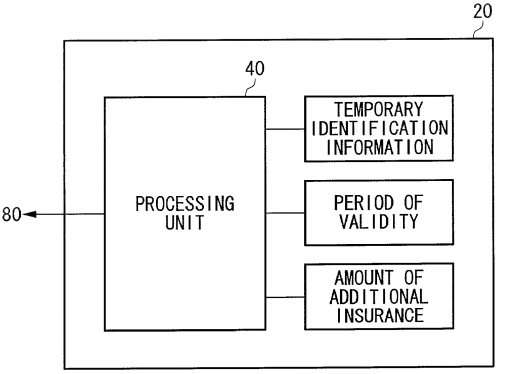

FIG. 3

ENTERED AT RECEIVED

TOHOKU ･ ZZSH2860

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USER ID	PASSWORD	TEMPORARY IDENTIFICATION INFORMATION	PERIOD OF VALIDITY	TOTAL AMOUNT OF PURCHASE FOR EACH USER	NUMBERS OF TIMES OF APPLYING FOR INSURANCE BY EACH USER	AMOUNT OF INSURANCE PAID TO EACH USER
1	gxhi	cookie.txt	2000/8/31	¥40,000	1	¥3,000
⋮						

FIG. 4

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MEMBER STORE ID	IP ADDRESS	TOTAL AMOUNT OF SALES	NUMBER OF TIMES OF GRANTING INSURANCE	TOTAL AMOUNT OF INSURANCE PAID TO USERS
7	210.145.108.18	¥53,000,000	10	¥20,000
⋮				

FIG. 5

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MEMBER STORE	TEMPORARY IDENTIFICATION INFORMATION	TIME	MERCHANDISE ID	PRICE OF MERCHANDISE	BASIC PREMIUM	ADDITIONAL PREMIUM
7	cookie.txt	18:00	1	¥3000	¥100	¥50

FIG. 6

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MERCHANDISE ID	TOTAL AMOUNT OF SALES FOR EACH MERCHANDISE	TOTAL AMOUNT GRANTED TO INSURANCE
A001	7,000,000	50,000
A002	8,000,000	10,000

FIG. 7

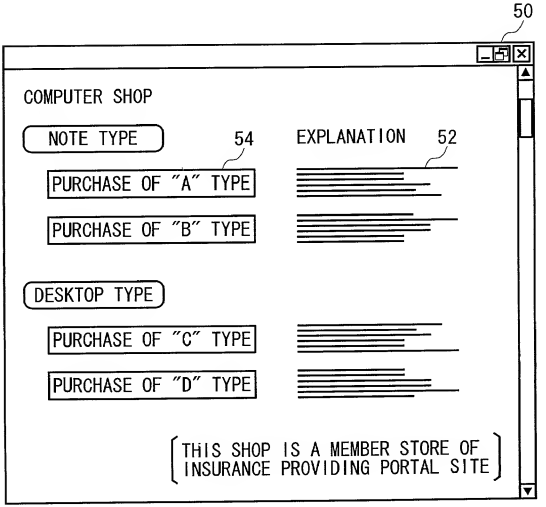

FIG. 8

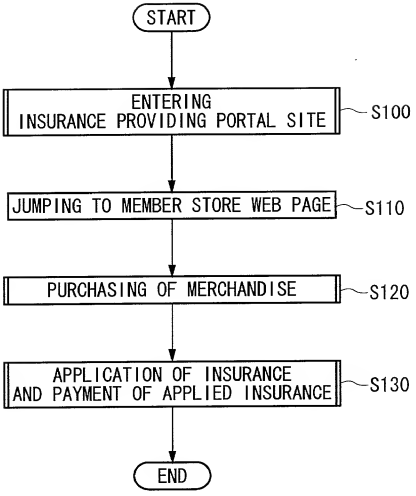
START
ENTERING INSURANCE PROVIDING PORTAL SITE
S100
JUMPING TO MEMBER STORE WEB PAGE
S110
PURCHASING OF MERCHANDISE
S120
APPLICATION OF INSURANCE AND PAYMENT OF APPLIED INSURANCE
S130
END

FIG. 9

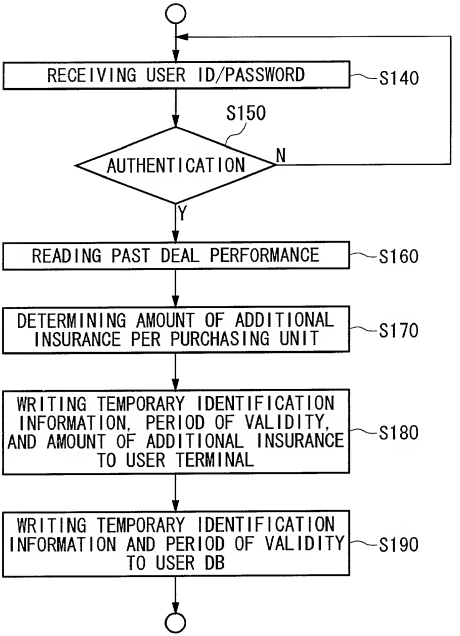
100
RECEIVING USER ID/PASSWORD
S140
S150
AUTHENTICATION
N
Y
READING PAST DEAL PERFORMANCE
S160
DETERMINING AMOUNT OF ADDITIONAL INSURANCE PER PURCHASING UNIT
S170
WRITING TEMPORARY IDENTIFICATION INFORMATION, PERIOD OF VALIDITY, AND AMOUNT OF ADDITIONAL INSURANCE TO USER TERMINAL
S180
WRITING TEMPORARY IDENTIFICATION INFORMATION AND PERIOD OF VALIDITY TO USER DB
S190

FIG. 10

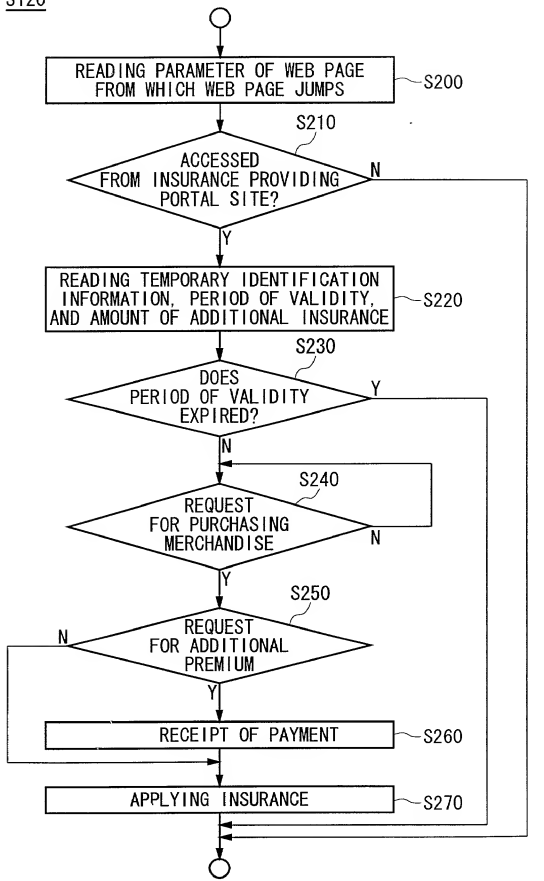
S120
READING PARAMETER OF WEB PAGE FROM WHICH WEB PAGE JUMPS
S200
S210
ACCESSED FROM INSURANCE PROVIDING PORTAL SITE?
N
Y
READING TEMPORARY IDENTIFICATION INFORMATION, PERIOD OF VALIDITY, AND AMOUNT OF ADDITIONAL INSURANCE
S220
S230
DOES PERIOD OF VALIDITY EXPIRED?
Y
N
S240
REQUEST FOR PURCHASING MERCHANDISE
N
Y
S250
REQUEST FOR ADDITIONAL PREMIUM
N
Y
RECEIPT OF PAYMENT
S260
APPLYING INSURANCE
S270

FIG. 11

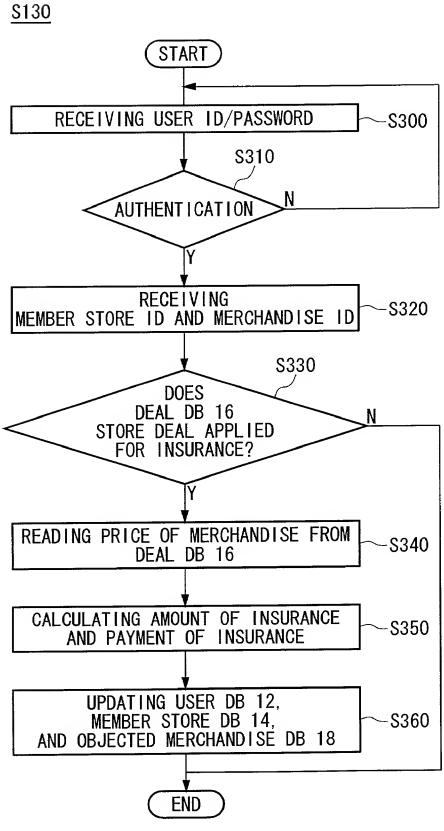
S130
START
RECEIVING USER ID/PASSWORD
S300
S310
AUTHENTICATION
N
Y
RECEIVING
MEMBER STORE ID AND MERCHANDISE ID
S320
S330
DOES
DEAL DB 16
STORE DEAL APPLIED
FOR INSURANCE?
N
Y
READING PRICE OF MERCHANDISE FROM
DEAL DB 16
S340
CALCULATING AMOUNT OF INSURANCE
AND PAYMENT OF INSURANCE
S350
UPDATING USER DB 12,
MEMBER STORE DB 14,
AND OBJECTED MERCHANDISE DB 18
S360
END

FIG. 12

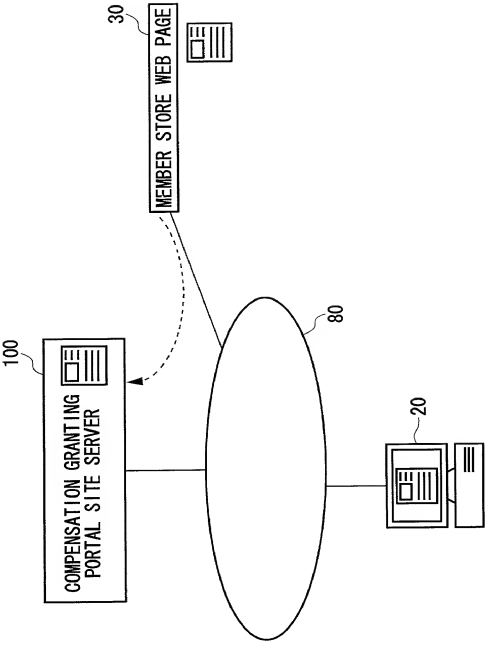
100
COMPENSATION GRANTING PORTAL SITE SERVER
30
MEMBER STORE WEB PAGE
80
20

FIG. 13

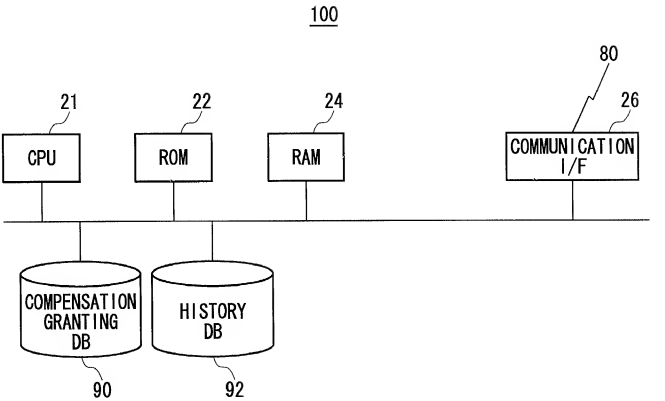
100
80
21
22
24
26
CPU
ROM
RAM
COMMUNICATION I/F
COMPENSATION GRANTING DB
HISTORY DB
90
92

FIG. 14

COMPENSATION GRANTING DB 90

WEB ID	URL
1	http://www.abc.com
⋮	⋮

FIG. 15

HISTORY DB 92

USER ID	DATE AND TIME OF ACCESS	WEB ID	MERCHANDISE	AMOUNT
1	2000/1/1 10:00～12:00	2	○×	¥10000
⋮				

FIG. 16

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USER ID	2	NAME	× × ×	TIME OF FINAL ACCESS	× × YEAR ○○ MONTH × × DAY
USER ID	1	NAME	× × ×	TIME OF FINAL ACCESS	× × YEAR ○○ MONTH × × DAY
WEB ID	MERCHANDISE	AMOUNT OF EXCHANGE	PERIOD OF VALIDITY FOR COMPENSATION		

FIG. 17

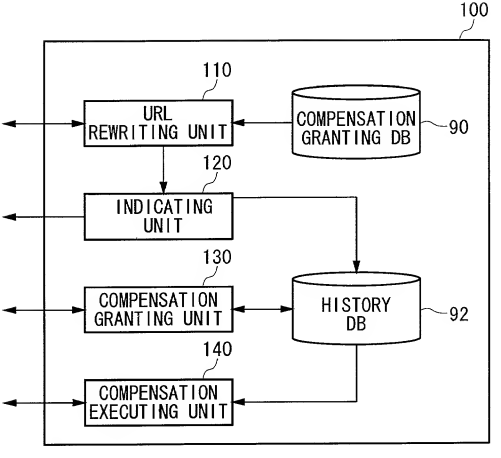
100
110
URL
REWRITING UNIT
COMPENSATION
GRANTING DB
90
120
INDICATING
UNIT
130
COMPENSATION
GRANTING UNIT
HISTORY
DB
92
140
COMPENSATION
EXECUTING UNIT

FIG. 18

TOHOKU 2280560

LINK INSIDE MEMBER STORE WEB PAGE:

<a href="http://edu.yahoo.co.jp/">

WEB PAGE OF LINK

↓

LINK REWRITTEN BY COMPENSATION PORTAL SITE SERVER 100:

<a href="http://www.ecanshin.com/dairi.cgi?http://edu.yahoo.co.jp/">

- URL OF COMPENSATION GRANTING PORTAL SITE
- CGI PROGRAM
- URL OF LINK

FIG. 19

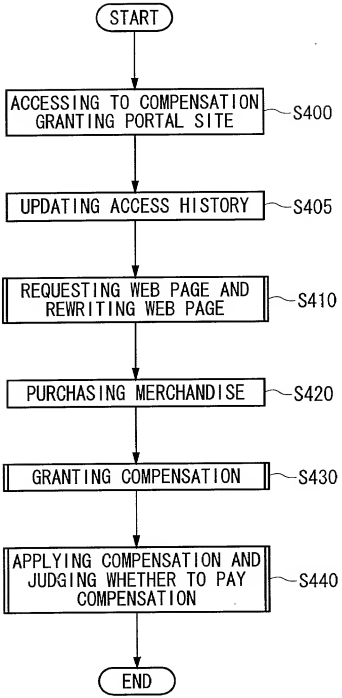
START
ACCESSING TO COMPENSATION GRANTING PORTAL SITE
S400
UPDATING ACCESS HISTORY
S405
REQUESTING WEB PAGE AND REWRITING WEB PAGE
S410
PURCHASING MERCHANDISE
S420
GRANTING COMPENSATION
S430
APPLYING COMPENSATION AND JUDGING WHETHER TO PAY COMPENSATION
S440
END

FIG. 20

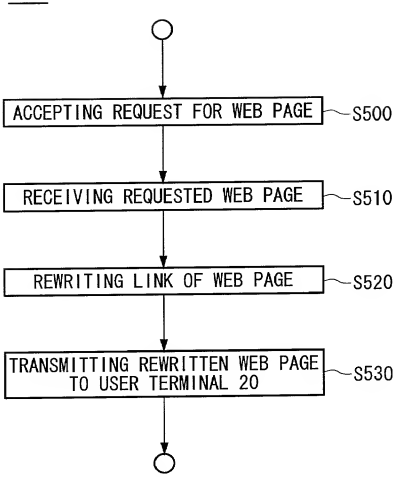
S410
ACCEPTING REQUEST FOR WEB PAGE
S500
RECEIVING REQUESTED WEB PAGE
S510
REWRITING LINK OF WEB PAGE
S520
TRANSMITTING REWRITTEN WEB PAGE TO USER TERMINAL 20
S530

FIG. 21

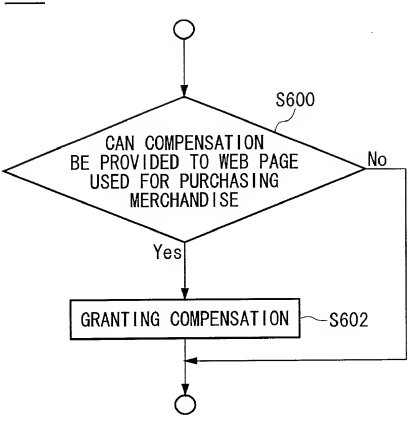
S420
S600
CAN COMPENSATION BE PROVIDED TO WEB PAGE USED FOR PURCHASING MERCHANDISE
No
Yes
GRANTING COMPENSATION
S602

FIG. 22

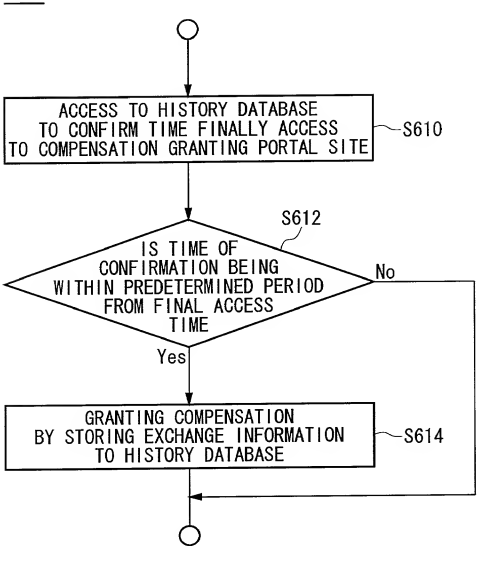
S430
ACCESS TO HISTORY DATABASE TO CONFIRM TIME FINALLY ACCESS TO COMPENSATION GRANTING PORTAL SITE
S610
S612
IS TIME OF CONFIRMATION BEING WITHIN PREDETERMINED PERIOD FROM FINAL ACCESS TIME
No
Yes
GRANTING COMPENSATION BY STORING EXCHANGE INFORMATION TO HISTORY DATABASE
S614

FIG. 23

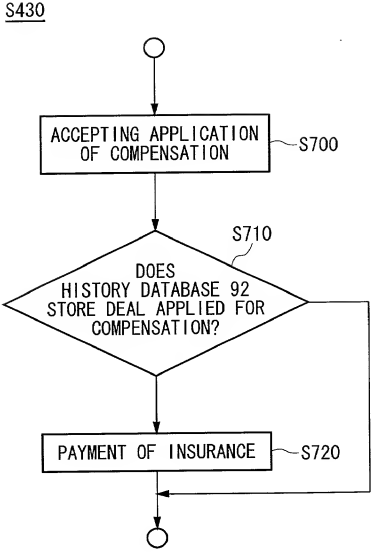
S430
ACCEPTING APPLICATION OF COMPENSATION
S700
S710
DOES HISTORY DATABASE 92 STORE DEAL APPLIED FOR COMPENSATION?
PAYMENT OF INSURANCE
S720

FIG. 24